

# EXAMINER SEARCH NOTES

## EAST Search

L Number	Hits	Search Text	DB	Time stamp
-	7	"043329"	USPAT;	2004/07/21
-	1	("20020043329").PN.	US-PGPUB	16:30
-	3	((("4840214") or ("4126720") or ("5374324"))).PN.	USPAT;	2004/07/21
-	5	((("5824171") or ("5766384") or ("5855703") or ("4277642") or ("4212612"))).PN.	US-PGPUB	16:36
-	11	((("2105812") or ("2428851") or ("3703421") or ("3880558") or ("4150929") or ("4274821") or ("4300878") or ("4563140") or ("4934100") or ("4948354") or ("5337972"))).PN.	USPAT;	2004/07/21
-	3	((("5824171") or ("5766384") or ("5855703"))).PN.	US-PGPUB	17:53
-	0	((("5824171") or ("5766384") or ("5855703"))).PN.) and extrude	USPAT;	2004/07/21
-	3	((("4126720") or ("5374324") or ("4300878"))).PN.	US-PGPUB	18:08
-	0	20020043329.URPN.	USPAT;	2004/07/21
-	6	2105812.URPN.	USPAT	18:28
-	10	("1453217"   "1519522"   "2623571"   "2656873"   "2692005"   "3375150"   "3607497"   "3778329"   "3881974"   "3954538").PN.	USPAT	2004/07/21
-	7	4126720.URPN.	USPAT	18:28
-	6	("3112527"   "3461501"   "3752614"   "3758247"   "3776670"   "4081232").PN.	USPAT	2004/07/21
-	16	4150929.URPN.	USPAT	18:28
-	21	("0919384"   "1823982"   "2105812"   "2149002"   "2155060"   "2471752"   "2659932"   "2766480"   "2778059"   "2979431"   "3361871"   "3404432"   "3699498"   "3728424"   "3860316"   "3860686"   "3935369"   "4050867"   "4090763"   "4132756"   "4166881").PN.	USPAT	2004/07/21
-	4	4212612.URPN.	USPAT	18:28
-	6	("2979431"   "3616496"   "3697209"   "3758247"   "3803695"   "4150929").PN.	USPAT	2004/07/21
-	10	4274821.URPN.	USPAT	18:28
-	21	("0919384"   "1823982"   "2105812"   "2149002"   "2155060"   "2471752"   "2659932"   "2766480"   "2778059"   "2979431"   "3361871"   "3404432"   "3699498"   "3728424"   "3860316"   "3860686"   "3935369"   "4050867"   "4090763"   "4132756"   "4166881").PN.	USPAT	2004/07/21
-	12	4277642.URPN.	USPAT	18:29
-	11	("2401551"   "2453312"   "2468585"   "3070841"   "3280427"   "3487505"   "3616496"   "3874837"   "3994654"   "4050867"   "4165957").PN.	USPAT	2004/07/21
-	4	4300878.URPN.	USPAT	18:30
-	13	("1595313"   "1612922"   "1774748"   "1849781"   "1914040"   "3794097"   "4017338"   "4106957"   "4142920"   "4406317"   "4486477"   "4606392"   "4718224").PN.	USPAT	2004/07/21
-	5	4840214.URPN.	USPAT	18:30

-	7	("1603812"   "1727090"   "2061749"   "3403422"   "3553069"   "3567545"   "4274821").PN.	USPAT	2004/07/21 18:30
-	3	4948354.URPN.	USPAT	2004/07/21 18:30
-	5	("1809106"   "4087306"   "4163683"   "4683021"   "4953605").PN.	USPAT	2004/07/21 18:30
-	1	5374324.URPN.	USPAT	2004/07/21 18:30
-	21	("0677290"   "0688319"   "1560700"   "1608102"   "1624615"   "2958359"   "2982328"   "3093181"   "3224482"   "3298417"   "3503432"   "3782438"   "3957091"   "4363346"   "4742858"   "4840214"   "4938015"   "5061557"   "5188685"   "5198307"   "5234044").PN.	USPAT	2004/07/21 18:30
-	0	5766384.URPN.	USPAT	2004/07/21 18:30
-	21	("0677290"   "0688319"   "1560700"   "1608102"   "1624615"   "2958359"   "2982328"   "3093181"   "3224482"   "3298417"   "3503432"   "3782438"   "3957091"   "4363346"   "4742858"   "4840214"   "4938015"   "5061557"   "5188685"   "5198307"   "5234044").PN.	USPAT	2004/07/21 18:31
-	0	5824171.URPN.	USPAT	2004/07/21 18:31
-	1	"1608102".PN.	USPAT	2004/07/21 18:31
-	0	5855703.URPN.	USPAT	2004/07/21 18:31
-	2773	(425/28.1-58.1).CCLS.	USPAT; US-PGPUB	2004/07/21 18:33

-	1	(2105812.URPN. (("1453217"   "1519522"   "2623571"   "2656873"   "2692005"   "3375150"   "3607497"   "3778329"   "3881974"   "3954538").PN.) 4126720.URPN. (("3112527"   "3461501"   "3752614"   "3758247"   "3776670"   "4081232").PN.) 4150929.URPN. (("0919384"   "1823982"   "2105812"   "2149002"   "2155060"   "2471752"   "2659932"   "2766480"   "2778059"   "2979431"   "3361871"   "3404432"   "3699498"   "3728424"   "3860316"   "3860686"   "3935369"   "4050867"   "4090763"   "4132756"   "4166881").PN.) 4212612.URPN. (("2979431"   "3616496"   "3697209"   "3758247"   "3803695"   "4150929").PN.) 4274821.URPN. (("0919384"   "1823982"   "2105812"   "2149002"   "2155060"   "2471752"   "2659932"   "2766480"   "2778059"   "2979431"   "3361871"   "3404432"   "3699498"   "3728424"   "3860316"   "3860686"   "3935369"   "4050867"   "4090763"   "4132756"   "4166881").PN.) 4277642.URPN. (("2401551"   "2453312"   "2468585"   "3070841"   "3280427"   "3487505"   "3616496"   "3874837"   "3994654"   "4050867"   "4165957").PN.) 4300878.URPN. (("1595313"   "1612922"   "1774748"   "1849781"   "1914040"   "3794097"   "4017338"   "4106957"   "4142920"   "4406317"   "4486477"   "4606392"   "4718224").PN.) 4840214.URPN. (("1603812"   "1727090"   "2061749"   "3403422"   "3553069"   "3567545"   "4274821").PN.) 4948354.URPN. (("1809106"   "4087306"   "4163683"   "4683021"   "4953605").PN.) 5374324.URPN. (("0677290"   "0688319"   "1560700"   "1608102"   "1624615"   "2958359"   "2982328"   "3093181"   "3224482"   "3298417"   "3503432"   "3782438"   "3957091"   "4363346"   "4742858"   "4840214"   "4938015"   "5061557"   "5188685"   "5198307"   "5234044").PN.) ("0677290"   "0688319"   "1560700"   "1608102"   "1624615"   "2958359"   "2982328"   "3093181"   "3224482"   "3298417"   "3503432"   "3782438"   "3957091"   "4363346"   "4742858"   "4840214"   "4938015"   "5061557"   "5188685"   "5198307"   "5234044").PN.) "1608102".PN.) and ((425/28.1-58.1).CCLS.)	USPAT; US-PGPUB	2004/07/21 18:33
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-	62	(2105812.URPN. (("1453217"   "1519522"   "2623571"   "2656873"   "2692005"   "3375150"   "3607497"   "3778329"   "3881974"   "3954538").PN.) 4126720.URPN. (("3112527"   "3461501"   "3752614"   "3758247"   "3776670"   "4081232").PN.) 4150929.URPN. (("0919384"   "1823982"   "2105812"   "2149002"   "2155060"   "2471752"   "2659932"   "2766480"   "2778059"   "2979431"   "3361871"   "3404432"   "3699498"   "3728424"   "3860316"   "3860686"   "3935369"   "4050867"   "4090763"   "4132756"   "4166881").PN.) 4212612.URPN. (("2979431"   "3616496"   "3697209"   "3758247"   "3803695"   "4150929").PN.) 4274821.URPN. (("0919384"   "1823982"   "2105812"   "2149002"   "2155060"   "2471752"   "2659932"   "2766480"   "2778059"   "2979431"   "3361871"   "3404432"   "3699498"   "3728424"   "3860316"   "3860686"   "3935369"   "4050867"   "4090763"   "4132756"   "4166881").PN.) 4277642.URPN. (("2401551"   "2453312"   "2468585"   "3070841"   "3280427"   "3487505"   "3616496"   "3874837"   "3994654"   "4050867"   "4165957").PN.) 4300878.URPN. (("1595313"   "1612922"   "1774748"   "1849781"   "1914040"   "3794097"   "4017338"   "4106957"   "4142920"   "4406317"   "4486477"   "4606392"   "4718224").PN.) 4840214.URPN. (("1603812"   "1727090"   "2061749"   "3403422"   "3553069"   "3567545"   "4274821").PN.) 4948354.URPN. (("1809106"   "4087306"   "4163683"   "4683021"   "4953605").PN.) 5374324.URPN. (("0677290"   "0688319"   "1560700"   "1608102"   "1624615"   "2958359"   "2982328"   "3093181"   "3224482"   "3298417"   "3503432"   "3782438"   "3957091"   "4363346"   "4742858"   "4840214"   "4938015"   "5061557"   "5188685"   "5198307"   "5234044").PN.) ("0677290"   "0688319"   "1560700"   "1608102"   "1624615"   "2958359"   "2982328"   "3093181"   "3224482"   "3298417"   "3503432"   "3782438"   "3957091"   "4363346"   "4742858"   "4840214"   "4938015"   "5061557"   "5188685"   "5198307"   "5234044").PN.) "1608102".PN.) and 425.clas.	USPAT; US-PGPUB	2004/07/22 10:22
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-	155	2105812.URPN. (("1453217"   "1519522"   "2623571"   "2656873"   "2692005"   "3375150"   "3607497"   "3778329"   "3881974"   "3954538").PN.) 4126720.URPN. (("3112527"   "3461501"   "3752614"   "3758247"   "3776670"   "4081232").PN.) 4150929.URPN. (("0919384"   "1823982"   "2105812"   "2149002"   "2155060"   "2471752"   "2659932"   "2766480"   "2778059"   "2979431"   "3361871"   "3404432"   "3699498"   "3728424"   "3860316"   "3860686"   "3935369"   "4050867"   "4090763"   "4132756"   "4166881").PN.) 4212612.URPN. (("2979431"   "3616496"   "3697209"   "3758247"   "3803695"   "4150929").PN.) 4274821.URPN. (("0919384"   "1823982"   "2105812"   "2149002"   "2155060"   "2471752"   "2659932"   "2766480"   "2778059"   "2979431"   "3361871"   "3404432"   "3699498"   "3728424"   "3860316"   "3860686"   "3935369"   "4050867"   "4090763"   "4132756"   "4166881").PN.) 4277642.URPN. (("2401551"   "2453312"   "2468585"   "3070841"   "3280427"   "3487505"   "3616496"   "3874837"   "3994654"   "4050867"   "4165957").PN.) 4300878.URPN. (("1595313"   "1612922"   "1774748"   "1849781"   "1914040"   "3794097"   "4017338"   "4106957"   "4142920"   "4406317"   "4486477"   "4606392"   "4718224").PN.) 4840214.URPN. (("1603812"   "1727090"   "2061749"   "3403422"   "3553069"   "3567545"   "4274821").PN.) 4948354.URPN. (("1809106"   "4087306"   "4163683"   "4683021"   "4953605").PN.) 5374324.URPN. (("0677290"   "0688319"   "1560700"   "1608102"   "1624615"   "2958359"   "2982328"   "3093181"   "3224482"   "3298417"   "3503432"   "3782438"   "3957091"   "4363346"   "4742858"   "4840214"   "4938015"   "5061557"   "5188685"   "5198307"   "5234044").PN.) ("0677290"   "0688319"   "1560700"   "1608102"   "1624615"   "2958359"   "2982328"   "3093181"   "3224482"   "3298417"   "3503432"   "3782438"   "3957091"   "4363346"   "4742858"   "4840214"   "4938015"   "5061557"   "5188685"   "5198307"   "5234044").PN.) "1608102".PN.	USPAT; US-PGPUB	2004/07/22 11:20
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-	57	(2105812.URPN. (("1453217"   "1519522"   "2623571"   "2656873"   "2692005"   "3375150"   "3607497"   "3778329"   "3881974"   "3954538").PN.) 4126720.URPN. (("3112527"   "3461501"   "3752614"   "3758247"   "3776670"   "4081232").PN.) 4150929.URPN. (("0919384"   "1823982"   "2105812"   "2149002"   "2155060"   "2471752"   "2659932"   "2766480"   "2778059"   "2979431"   "3361871"   "3404432"   "3699498"   "3728424"   "3860316"   "3860686"   "3935369"   "4050867"   "4090763"   "4132756"   "4166881").PN.) 4212612.URPN. (("2979431"   "3616496"   "3697209"   "3758247"   "3803695"   "4150929").PN.) 4274821.URPN. (("0919384"   "1823982"   "2105812"   "2149002"   "2155060"   "2471752"   "2659932"   "2766480"   "2778059"   "2979431"   "3361871"   "3404432"   "3699498"   "3728424"   "3860316"   "3860686"   "3935369"   "4050867"   "4090763"   "4132756"   "4166881").PN.) 4277642.URPN. (("2401551"   "2453312"   "2468585"   "3070841"   "3280427"   "3487505"   "3616496"   "3874837"   "3994654"   "4050867"   "4165957").PN.) 4300878.URPN. (("1595313"   "1612922"   "1774748"   "1849781"   "1914040"   "3794097"   "4017338"   "4106957"   "4142920"   "4406317"   "4486477"   "4606392"   "4718224").PN.) 4840214.URPN. (("1603812"   "1727090"   "2061749"   "3403422"   "3553069"   "3567545"   "4274821").PN.) 4948354.URPN. (("1809106"   "4087306"   "4163683"   "4683021"   "4953605").PN.) 5374324.URPN. (("0677290"   "0688319"   "1560700"   "1608102"   "1624615"   "2958359"   "2982328"   "3093181"   "3224482"   "3298417"   "3503432"   "3782438"   "3957091"   "4363346"   "4742858"   "4840214"   "4938015"   "5061557"   "5188685"   "5198307"   "5234044").PN.) ("0677290"   "0688319"   "1560700"   "1608102"   "1624615"   "2958359"   "2982328"   "3093181"   "3224482"   "3298417"   "3503432"   "3782438"   "3957091"   "4363346"   "4742858"   "4840214"   "4938015"   "5061557"   "5188685"   "5198307"   "5234044").PN.) "1608102".PN.) and tire	USPAT; US-PGPUB	2004/07/22 11:20
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	<p>49 ((2105812.URPN. ((("1453217"   "1519522"   "2623571"   "2656873"   "2692005"   "3375150"   "3607497"   "3778329"   "3881974"   "3954538").PN.) 4126720.URPN. ((("3112527"   "3461501"   "3752614"   "3758247"   "3776670"   "4081232").PN.) 4150929.URPN. ((("0919384"   "1823982"   "2105812"   "2149002"   "2155060"   "2471752"   "2659932"   "2766480"   "2778059"   "2979431"   "3361871"   "3404432"   "3699498"   "3728424"   "3860316"   "3860686"   "3935369"   "4050867"   "4090763"   "4132756"   "4166881").PN.) 4212612.URPN. ((("2979431"   "3616496"   "3697209"   "3758247"   "3803695"   "4150929").PN.) 4274821.URPN. ((("0919384"   "1823982"   "2105812"   "2149002"   "2155060"   "2471752"   "2659932"   "2766480"   "2778059"   "2979431"   "3361871"   "3404432"   "3699498"   "3728424"   "3860316"   "3860686"   "3935369"   "4050867"   "4090763"   "4132756"   "4166881").PN.) 4277642.URPN. ((("2401551"   "2453312"   "2468585"   "3070841"   "3280427"   "3487505"   "3616496"   "3874837"   "3994654"   "4050867"   "4165957").PN.) 4300878.URPN. ((("1595313"   "1612922"   "1774748"   "1849781"   "1914040"   "3794097"   "4017338"   "4106957"   "4142920"   "4406317"   "4486477"   "4606392"   "4718224").PN.) 4840214.URPN. ((("1603812"   "1727090"   "2061749"   "3403422"   "3553069"   "3567545"   "4274821").PN.) 4948354.URPN. ((("1809106"   "4087306"   "4163683"   "4683021"   "4953605").PN.) 5374324.URPN. ((("0677290"   "0688319"   "1560700"   "1608102"   "1624615"   "2958359"   "2982328"   "3093181"   "3224482"   "3298417"   "3503432"   "3782438"   "3957091"   "4363346"   "4742858"   "4840214"   "4938015"   "5061557"   "5188685"   "5198307"   "5234044").PN.) ((("0677290"   "0688319"   "1560700"   "1608102"   "1624615"   "2958359"   "2982328"   "3093181"   "3224482"   "3298417"   "3503432"   "3782438"   "3957091"   "4363346"   "4742858"   "4840214"   "4938015"   "5061557"   "5188685"   "5198307"   "5234044").PN.) and tire) not ((2105812.URPN. ((("1453217"   "1519522"   "2623571"   "2656873"   "2692005"   "3375150"   "3607497"   "3778329"   "3881974"   "3954538").PN.) 4126720.URPN. ((("3112527"   "3461501"   "3752614"   "3758247"   "3776670"   "4081232").PN.) 4150929.URPN. ((("0919384"   "1823982"   "2105812"   "2149002"   "2155060"   "2471752"   "2659932"   "2766480"   "2778059"   "2979431"   "3361871"   "3404432"   "3699498"   "3728424"   "3860316"   "3860686"   "3935369"   "4050867"   "4090763"   "4132756"   "4166881").PN.) 4212612.URPN. ((("2979431"   "3616496"   "3697209"   "3758247"   "3803695"   "4150929").PN.) 4274821.URPN. ((("0919384"   "1823982"   "2105812"   "2149002"   "2155060"   "2471752"   "2659932"   "2766480"   "2778059"   "2979431"   "3361871"   "3404432"   "3699498"   "3728424"   "3860316"   "3860686"   "3935369"   "4050867"   "4090763"   "4132756"   "4166881").PN.)</p>	<p>USPAT; US-PGPUB</p>	<p>2004/07/22 11:21</p>
Search History	<p>7/24/2004 03:30 PM Page 38</p>		

<div> <div>44</div> <div>Search History</div> </div>	<div> <div> <div>(2105812.URPN. ("1453217"   "1519522"   "2623571"   "2656873"   "2692005"   "3375150"   "3607497"   "3778329"   "3881974"   "3954538").PN.) 4126720.URPN. ("3112527"   "3461501"   "3752614"   "3758247"   "3776670"   "4081232").PN.) 4150929.URPN. ("0919384"   "1823982"   "2105812"   "2149002"   "2155060"   "2471752"   "2659932"   "2766480"   "2778059"   "2979431"   "3361871"   "3404432"   "3699498"   "3728424"   "3860316"   "3860686"   "3935369"   "4050867"   "4090763"   "4132756"   "4166881").PN.) 4212612.URPN. ("2979431"   "3616496"   "3697209"   "3758247"   "3803695"   "4150929").PN.) 4274821.URPN. ("0919384"   "1823982"   "2105812"   "2149002"   "2155060"   "2471752"   "2659932"   "2766480"   "2778059"   "2979431"   "3361871"   "3404432"   "3699498"   "3728424"   "3860316"   "3860686"   "3935369"   "4050867"   "4090763"   "4132756"   "4166881").PN.) 4277642.URPN. ("2401551"   "2453312"   "2468585"   "3070841"   "3280427"   "3487505"   "3616496"   "3874837"   "3994654"   "4050867"   "4165957").PN.) 4300878.URPN. ("1595313"   "1612922"   "1774748"   "1849781"   "1914040"   "3794097"   "4017338"   "4106957"   "4142920"   "4406317"   "4486477"   "4606392"   "4718224").PN.) 4840214.URPN. ("1603812"   "1727090"   "2061749"   "3403422"   "3553069"   "3567545"   "4274821").PN.) 4948354.URPN. ("1809106"   "4087306"   "4163683"   "4683021"   "4953605").PN.) 5374324.URPN. ("0677290"   "0688319"   "1560700"   "1608102"   "1624615"   "2958359"   "2982328"   "3093181"   "3224482"   "3298417"   "3503432"   "3782438"   "3957091"   "4363346"   "4742858"   "4840214"   "4938015"   "5061557"   "5188685"   "5198307"   "5234044").PN.) ("0677290"   "0688319"   "1560700"   "1608102"   "1624615"   "2958359"   "2982328"   "3093181"   "3224482"   "3298417"   "3503432"   "3782438"   "3957091"   "4363346"   "4742858"   "4840214"   "4938015"   "5061557"   "5188685"   "5198307"   "5234044").PN.) 1608102".PN.) not ((2105812.URPN. ("1453217"   "1519522"   "2623571"   "2656873"   "2692005"   "3375150"   "3607497"   "3778329"   "3881974"   "3954538").PN.) 4126720.URPN. ("3112527"   "3461501"   "3752614"   "3758247"   "3776670"   "4081232").PN.) 4150929.URPN. ("0919384"   "1823982"   "2105812"   "2149002"   "2155060"   "2471752"   "2659932"   "2766480"   "2778059"   "2979431"   "3361871"   "3404432"   "3699498"   "3728424"   "3860316"   "3860686"   "3935369"   "4050867"   "4090763"   "4132756"   "4166881").PN.) 4212612.URPN. ("2979431"   "3616496"   "3697209"   "3758247"   "3803695"   "4150929").PN.) 4274821.URPN. ("0919384"   "1823982"   "2105812"   "2149002"   "2155060"   "2471752"   "2659932"   "2766480"   "2778059"   "2979431"   "3361871"   "3404432"   "3699498"   "3728424"   "3860316"   "3860686"   "3935369"   "4050867"   "4090763"   "4132756"   "4166881").PN.) 4277642.URPN. ("2401551"   "2453312"   "2468585"   "3070841"   "3280427"   "3487505"   "3616496"   "3874837"   "3994654"   "4050867"   "4165957").PN.) 4300878.URPN. ("1595313"   "1612922"   "1774748"   "1849781"   "1914040"   "3794097"   "4017338"   "4106957"   "4142920"   "4406317"   "4486477"   "4606392"   "4718224").PN.) 4840214.URPN. ("1603812"   "1727090"   "2061749"   "3403422"   "3553069"   "3567545"   "4274821").PN.) 4948354.URPN. ("1809106"   "4087306"   "4163683"   "4683021"   "4953605").PN.) 5374324.URPN. ("0677290"   "0688319"   "1560700"   "1608102"   "1624615"   "2958359"   "2982328"   "3093181"   "3224482"   "3298417"   "3503432"   "3782438"   "3957091"   "4363346"   "4742858"   "4840214"   "4938015"   "5061557"   "5188685"   "5198307"   "5234044").PN.) ("0677290"   "0688319"   "1560700"   "1608102"   "1624615"   "2958359"   "2982328"   "3093181"   "3224482"   "3298417"   "3503432"   "3782438"   "3957091"   "4363346"   "4742858"   "4840214"   "4938015"   "5061557"   "5188685"   "5198307"   "5234044").PN.) 1608102".PN.) not ((2105812.URPN. ("1453217"   "1519522"   "2623571"   "2656873"   "2692005"   "3375150"   "3607497"   "3778329"   "3881974"   "3954538").PN.) 4126720.URPN. ("3112527"   "3461501"   "3752614"   "3758247"   "3776670"   "4081232").PN.) 4150929.URPN. ("0919384"   "1823982"   "2105812"   "2149002"   "2155060"   "2471752"   "2659932"   "2766480"   "2778059"   "2979431"   "3361871"   "3404432"   "3699498"   "3728424"   "3860316"   "3860686"   "3935369"   "4050867"   "4090763"   "4132756"   "4166881").PN.) 4212612.URPN. ("2979431"   "3616496"   "3697209"   "3758247"   "3803695"   "4150929").PN.) 4274821.URPN. ("0919384"   "1823982"   "2105812"   "2149002"   "2155060"   "2471752"   "2659932"   "2766480"   "2778059"   "2979431"   "3361871"   "3404432"   "3699498"   "3728424"   "3860316"   "3860686"   "3935369"   "4050867"   "4090763"   "4132756"   "4166881").PN.) 4277642.URPN. ("2401551"   "2453312"   "2468585"   "3070841"   "3280427"   "3487505"   "3616496"   "3874837"   "3994654"   "4050867"   "4165957").PN.) 4300878.URPN. ("1595313"   "1612922"   "1774748"   "1849781"   "1914040"   "3794097"   "4017338"   "41</div></div></div>
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-	1317	(425/131.1,133.1,133.5).CCLS.	USPAT; US-PGPUB	2004/07/22 12:42
-	443	(425/114).CCLS.	USPAT; US-PGPUB	2004/07/22 12:43
-	62	((425/131.1,133.1,133.5).CCLS.) and ((425/114).CCLS.)	USPAT; US-PGPUB	2004/07/22 15:43

-	377	((425/114).CCLS.) not (((425/131.1,133.1,133.5).CCLS.) and ((425/114).CCLS.)) ((2105812.URPN. ("1453217"   "1519522"   "2623571"   "2656873"   "2692005"   "3375150"   "3607497"   "3778329"   "3881974"   "3954538").PN.) 4126720.URPN. ("3112527"   "3461501"   "3752614"   "3758247"   "3776670"   "4081232").PN.) 4150929.URPN. ("0919384"   "1823982"   "2105812"   "2149002"   "2155060"   "2471752"   "2659932"   "2766480"   "2778059"   "2979431"   "3361871"   "3404432"   "3699498"   "3728424"   "3860316"   "3860686"   "3935369"   "4050867"   "4090763"   "4132756"   "4166881").PN.) 4212612.URPN. ("2979431"   "3616496"   "3697209"   "3758247"   "3803695"   "4150929").PN.) 4274821.URPN. ("0919384"   "1823982"   "2105812"   "2149002"   "2155060"   "2471752"   "2659932"   "2766480"   "2778059"   "2979431"   "3361871"   "3404432"   "3699498"   "3728424"   "3860316"   "3860686"   "3935369"   "4050867"   "4090763"   "4132756"   "4166881").PN.) 4277642.URPN. ("2401551"   "2453312"   "2468585"   "3070841"   "3280427"   "3487505"   "3616496"   "3874837"   "3994654"   "4050867"   "4165957").PN.) 4300878.URPN. ("1595313"   "1612922"   "1774748"   "1849781"   "1914040"   "3794097"   "4017338"   "4106957"   "4142920"   "4406317"   "4486477"   "4606392"   "4718224").PN.) 4840214.URPN. ("1603812"   "1727090"   "2061749"   "3403422"   "3553069"   "3567545"   "4274821").PN.) 4948354.URPN. ("1809106"   "4087306"   "4163683"   "4683021"   "4953605").PN.) 5374324.URPN. ("0677290"   "0688319"   "1560700"   "1608102"   "1624615"   "2958359"   "2982328"   "3093181"   "3224482"   "3298417"   "3503432"   "3782438"   "3957091"   "4363346"   "4742858"   "4840214"   "4938015"   "5061557"   "5188685"   "5198307"   "5234044").PN.) ("0677290"   "0688319"   "1560700"   "1608102"   "1624615"   "2958359"   "2982328"   "3093181"   "3224482"   "3298417"   "3503432"   "3782438"   "3957091"   "4363346"   "4742858"   "4840214"   "4938015"   "5061557"   "5188685"   "5198307"   "5234044").PN.) "1608102".PN.) and tire) ((2105812.URPN. ("1453217"   "1519522"   "2623571"   "2656873"   "2692005"   "3375150"   "3607497"   "3778329"   "3881974"   "3954538").PN.) 4126720.URPN. ("3112527"   "3461501"   "3752614"   "3758247"   "3776670"   "4081232").PN.) 4150929.URPN. ("0919384"   "1823982"   "2105812"   "2149002"   "2155060"   "2471752"   "2659932"   "2766480"   "2778059"   "2979431"   "3361871"   "3404432"   "3699498"   "3728424"   "3860316"   "3860686"   "3935369"   "4050867"   "4090763"   "4132756"   "4166881").PN.) 4212612.URPN. ("2979431"   "3616496"   "3697209"   "3758247"   "3803695"   "4150929").PN.) 4274821.URPN. ("0919384"   "1823982"   "2105812"   "2149002"   "2155060"   "2471752"   "2659932"   "2766480"   "2778059"   "2979431"   "3361871"   "3404432"   "3699498"   "3728424"   "3860316"   "3860686"   "3935369"   "4050867"   "4090763"   "4132756"   "4166881").PN.)	USPAT; US-PGPUB	2004/07/22 13:12
Search History	7/23/2004 12:03:30 PM Page 240			
C:\APPS\EAST\Workspa				

-	48	((425/114).CCLS.) and 118.clas.	USPAT;	2004/07/22
-	882	(118/405).CCLS.	US-PGPUB	14:52
-	666	(118/420).CCLS.	USPAT;	2004/07/22
-	15	((118/405).CCLS.) ((118/420).CCLS.) and	US-PGPUB	14:52
-	149	tire	USPAT;	2004/07/22
-	281	((118/405).CCLS.) ((118/420).CCLS.) and	US-PGPUB	14:53
-	195	425.clas.	USPAT;	2004/07/22
-	668	((118/405).CCLS.) ((118/420).CCLS.) and	US-PGPUB	15:26
-	242	(extru\$5 die)	USPAT;	2004/07/22
-	61	((118/405).CCLS.) ((118/420).CCLS.) and	US-PGPUB	15:26
-	484	425.clas.) (((118/405).CCLS.)	USPAT;	2004/07/22
-	6	((118/420).CCLS.) and tire))	US-PGPUB	15:27
-	11	(425/131.1).CCLS.	USPAT;	2004/07/22
-	21	(425/133.5).CCLS.	US-PGPUB	15:46
-	6	(425/102).CCLS.	USPAT;	2004/07/22
-	11	(425/462).CCLS.	US-PGPUB	17:22
-	2105812	.URPN.	USPAT;	2004/07/22
-	1603812	.URPN.	US-PGPUB	17:25
-	21	("0677290"   "0688319"   "1560700"	USPAT	2004/07/22
-	1	"1608102"   "1624615"   "2958359"	USPAT	17:47
-	0	"2982328"   "3093181"   "3224482"	USPAT	2004/07/22
-	22	"3298417"   "3503432"   "3782438"	USPAT	17:48
-	11	"3957091"   "4363346"   "4742858"	USPAT	2004/07/22
-	5	"4840214"   "4938015"   "5061557"	USPAT	17:48
-	10	"5188685"   "5198307"   "5234044").PN.	USPAT	2004/07/22
-	9	5827381.URPN.	USPAT	17:48
-	0	5762733.URPN.	USPAT	2004/07/22
-	22	("0677290"   "0688319"   "1560700"	USPAT	17:48
-	11	"1608102"   "1624615"   "2958359"	USPAT	2004/07/22
-	5	"2982328"   "3003537"   "3093181"	USPAT	17:48
-	10	"3224482"   "3298417"   "3503432"	USPAT	2004/07/22
-	9	"3782438"   "3957091"   "4363346"	USPAT	17:49
-	9	"4742858"   "4840214"   "4938015"	USPAT	2004/07/22
-	10	"5061557"   "5188685"   "5198307"	USPAT	17:49
-	5	"5234044").PN.	USPAT	2004/07/22
-	10	("1914040"   "1992665"   "3298417"	USPAT	17:48
-	9	"3583463"   "3794097"   "3957091"	USPAT	2004/07/22
-	5	"4064915"   "4216856"   "4486477"	USPAT	17:49
-	10	"4606392"   "4650531").PN.	USPAT	2004/07/22
-	9	5234044.URPN.	USPAT	17:48
-	10	("3449199"   "3482818"   "4243714"	USPAT	2004/07/22
-	9	"4544603"   "4545190"   "4566261"	USPAT	17:49
-	5	"4650531"   "4718224"   "4802326"	USPAT	2004/07/22
-	10	"4840214").PN.	USPAT	17:49
-	9	5198307.URPN.	USPAT	2004/07/22
-	9	("2939503"   "3513898"   "4047552"	USPAT	17:49
-	10	"4371025"   "4506500"   "4651513"	USPAT	2004/07/22
-	6	"4749017"   "4819705"   "5024261").PN.	USPAT	17:49
-	5	5188685.URPN.	USPAT	2004/07/22
-	6	("2605201"   "3805508"   "4544603"	USPAT	17:49
-	5	"4545190"   "4566261"   "4679387").PN.	USPAT	2004/07/22
-	5	4718224.URPN.	USPAT	17:49
-	5	("3288895"   "3295163"   "3300554"	USPAT	2004/07/22
-		"2369858"   "3082292").PN.	USPAT	17:50

-	16	3728424.URPN.	USPAT	2004/07/22 17:50
-	5	("3263271"   "3737262"   "4300878"   "4308823"   "4377881").PN.	USPAT	2004/07/22 17:50
-	7	4563140.URPN.	USPAT	2004/07/22 17:50
-	17	3444031.URPN.	USPAT	2004/07/22 17:50
-	8	("3168605"   "3301932"   "3616496"   "3849174"   "4025257"   "4221756"   "4318762"   "4448739").PN.	USPAT	2004/07/22 17:51
-	2	4854996.URPN.	USPAT	2004/07/22 17:51
-	16	("2628998"   "2826782"   "3252183"   "3608035"   "3758247"   "3775552"   "4097324"   "4134953"   "4149026"   "4150929"   "4154977"   "4165957"   "4221756"   "4295812"   "4341509"   "4351689").PN.	USPAT	2004/07/22 17:51
-	6	4478778.URPN.	USPAT	2004/07/22 17:51
-	8	("3054382"   "3198059"   "3456449"   "3457717"   "3526570"   "3553811"   "3583651"   "3659633").PN.	USPAT	2004/07/22 17:52
-	6	3919762.URPN.	USPAT	2004/07/22 17:52
-	7	("2813301"   "3323172"   "3474495"   "3616496"   "3737262"   "3912436"   "4150929").PN.	USPAT	2004/07/22 17:52
-	8	4329133.URPN.	USPAT	2004/07/22 17:52
-	14	((("5387303") or ("5292472") or ("4657718") or ("3615987") or ("1418906") or ("4754794") or ("1608102") or ("2331323") or ("2441071") or ("5766384") or ("5855703") or ("4274621") or ("4274821") or ("4563140")).PN.	USPAT; US-PGPUB	2004/07/22 18:03

-	186	2105812.URPN. 1603812.URPN. (("0677290"   "0688319"   "1560700"   "1608102"   "1624615"   "2958359"   "2982328"   "3093181"   "3224482"   "3298417"   "3503432"   "3782438"   "3957091"   "4363346"   "4742858"   "4840214"   "4938015"   "5061557"   "5188685"   "5198307"   "5234044").PN.) 5827381.URPN. (("0677290"   "0688319"   "1560700"   "1608102"   "1624615"   "2958359"   "2982328"   "3003537"   "3093181"   "3224482"   "3298417"   "3503432"   "3782438"   "3957091"   "4363346"   "4742858"   "4840214"   "4938015"   "5061557"   "5188685"   "5198307"   "5234044").PN.) ("1914040"   "1992665"   "3298417"   "3583463"   "3794097"   "3957091"   "4064915"   "4216856"   "4486477"   "4606392"   "4650531").PN.) 5234044.URPN. ("3449199"   "3482818"   "4243714"   "4544603"   "4545190"   "4566261"   "4650531"   "4718224"   "4802326"   "4840214").PN.) 5198307.URPN. (("2939503"   "3513898"   "4047552"   "4371025"   "4506500"   "4651513"   "4749017"   "4819705"   "5024261").PN.) 5188685.URPN. ("2605201"   "3805508"   "4544603"   "4545190"   "4566261"   "4679387").PN.) 4718224.URPN. ("3288895"   "3295163"   "3300554"   "2369858"   "3082292").PN.) 3728424.URPN. ("3263271"   "3737262"   "4300878"   "4308823"   "4377881").PN.) 4563140.URPN. 3444031.URPN. ("3168605"   "3301932"   "3616496"   "3849174"   "4025257"   "4221756"   "4318762"   "4448739").PN.) 4854996.URPN. ("2628998"   "2826782"   "3252183"   "3608035"   "3758247"   "3775552"   "4097324"   "4134953"   "4149026"   "4150929"   "4154977"   "4165957"   "4221756"   "4295812"   "4341509"   "4351689").PN.) 4478778.URPN. (("3054382"   "3198059"   "3456449"   "3457717"   "3526570"   "3553811"   "3583651"   "3659633").PN.) 3919762.URPN. (("2813301"   "3323172"   "3474495"   "3616496"   "3737262"   "3912436"   "4150929").PN.) 4329133.URPN. ("6745546").PN.	USPAT; US-PGPUB	2004/07/22 18:13
-	1		USPAT; US-PGPUB	2004/07/22 18:13